

- 16 -

CLAIMS

1. A method of producing a liquid crystal display device having a first substrate, a second substrate, a liquid crystal inserted between the first substrate and the second substrate, and a seal provided between the first substrate and the second substrate so as to surround the liquid crystal, said method comprising:
- 5 dripping a liquid crystal in a region in annular seal formed on a first substrate;
- 10 preparing a second substrate;
- arranging a resin sheet on a surface of at least one of a first electrostatic chuck and a second electrostatic chuck arranged in a vacuum chamber;
- 15 holding one of the first substrate and the second substrate by said one electrostatic chuck via the resin sheet;
- holding the other substrate by the other electrostatic chuck;
- 20 evacuating the vacuum chamber;
- bonding the first substrate and the second substrate together in the vacuum chamber; and
- opening the vacuum chamber to the atmosphere.
2. A method of producing a liquid crystal display device according to claim 1, wherein the resin sheet comprises a porous resin sheet.
- 25 3. A method of producing a liquid crystal display device according to claim 2, wherein the resin sheet has a thickness in a range of not smaller than 10  $\mu\text{m}$  but not larger than 1 mm.
- 30 4. A method of producing a liquid crystal display device according to claim 2, wherein the resin sheet has a dielectric constant of not smaller than 1.8.
5. A method of producing a liquid crystal display device according to claim 1, wherein the electrostatic chucks have vacuum attraction passages.
- 35 6. A method of producing a liquid crystal display

- 17 -

device according to claim 1, wherein a central portion of the resin sheet is simply placed on said one electrostatic chuck, and an end portion of the resin sheet is fixed to said one electrostatic chuck.

5        7. A method of producing a liquid crystal display device according to claim 6, wherein the resin sheet is fixed to said one electromagnetic chuck by a magnet.

10       8. A method of producing a liquid crystal display device according to claim 1, wherein the first substrate and the second substrate bonded together are lifted up from said one electrostatic chuck by a lift pin.

9. A method of producing a liquid crystal display device according to claim 8, wherein the resin sheet has a hole through which the lift pin can be inserted.

15       10. A method of producing a liquid crystal display device according to claim 1, wherein a resin sheet is arranged on the surface of the first electrostatic chuck and another resin sheet is arranged on the surface of the second electrostatic chuck.